

In the Specification:

P. 1, line 2, insert the heading
 -- Technical Field --;

P. 1, line 27, insert the heading
 -- Background of the Invention --;

P. 2, line 35, insert the heading
 -- Summary of the Invention --;

Replace the paragraph beginning on p. 3, line 1, with the following amended paragraphs

-- The invention is ~~intended to create for a chipper~~ provides a new type of knife assembly for a chipper, which is easier to use than before, but which has a longer life and is thus more economical. ~~The characteristic features according to the invention are stated in the accompanying Claims.~~

Accordingly, a knife assembly for a chipper, which is intended to be installed in the knife frame forming part of the chipper, and which knife assembly includes

- a counter knife fitted to the knife frame,
- an essentially symmetrical reversible knife set against the counter knife, at the opposite sides of which there are two cutting bevel edges one of which cutting bevel edges extends further than the counter knife from the knife frame,
- a clamp, which is arranged to press on the reversible knife from the opposite side than the counter knife,
- securing means for securing the clamp and tightening it onto the knife frame and thus for pressing the reversible knife between the clamp and the counter knife, and
- at least one locking piece, which runs parallel to the longitudinal axis of the reversible knife and which extends on both sides of the boundary surface between the reversible knife and the counter knife, in order to prevent lateral movement of the

reversible knife relative to the counter knife, and which locking piece is arranged to form a fixed part of the reversible knife or the counter knife,

in which knife assembly the reversible knife, the counter knife, and the locking piece are arranged in such a way that the position of the reversible knife relative to the knife frame can be set as desired in the lateral direction of the reversible knife, is characterized in that the counter knife has two counter-surfaces arranged to rest on the knife frame, which are arranged to form an acute angle α , the size of which is 25 - 75°, preferably 35 - 70°, for fitting the counter knife to the knife frame using shape-locking.

The clamp may have two counter-surfaces arranged to rest on the knife frame, which are arranged to form an acute angle β , the size of which is 40 - 85°, preferably 45 - 75°. And the angle between the bisectors of angles α and β is a maximum of 20°.

The locking piece may be arranged in the counter knife, a groove corresponding to it being arranged in the reversible knife while the width of the locking piece is the lateral direction of the reversible knife is greater than the height of the locking piece.

The counter knife and the clamp may be arranged to be supported directly on the knife frame.

A counter-knife series for a knife assembly in which knife assembly both cutting bevel edges of the reversible knife are arranged so that they can be sharpened, is characterized in that for each sharpened reversible knife the counter-knife series includes a corresponding counter knife, in order to adapt the position of the sharpened cutting bevel edge relative to the knife frame, to be the same as it was prior to sharpening. The counter-knife series may include 1 - 6, preferably 2 - 5 different counter knives for changing the position of the reversible knife by 0.5 -

1.5 mm, preferably 0.8 - 1.2 mm in the lateral direction of the reversible knife, after sharpening.

The counter-knife series may include at least one second counter-knife series including a corresponding number of counter knives, in which the angle γ of the counter bevel edge of the counter knives and/or the distance of the cutting bevel edge from the counter bevel edge are different to those in the first counter-knife series.

The counter knives may be precipitation-hardened cast pieces or rolled pieces.

In the knife assembly according to the invention, the changing of the reversible knife is particularly rapid and easy. In addition, the reversible knives can be sharpened many times. Despite sharpening, the cutting bevel edge of the reversible knife can be securely and rapidly set at the desired location. This is achieved through the surprising joint operation of the reversible knife and the counter knife, without separate keys. In addition, the attachment of the counter knife is more secure than before and the counter knife is easier to change. Further, the clamp is supported in the frame in a new way, permitting a higher loading than previously to be imposed on the entire knife assembly. In addition, the support of the clamp and the knife assembly facilitates the correct assembly of the knife assembly and the elimination of loose fits. In addition to this, the reversible knife can be changed by slightly slackening the clamp. Similarly, the reversible knife can be changed without tools. In addition, the knife assembly forms a compact totality and firmly supports the reversible knife. --;

Replace the paragraph beginning on p. 3, line 25, with the following amended paragraph

~~-- In the following, the invention is examined in greater detail with reference to the accompanying drawings showing some~~

~~embodiments of the invention, in which~~ These and other features and advantages of the invention will be more fully understood from the following detailed description of the invention taken together with the accompanying drawings. --;

P. 3, line 28, insert the heading

-- Brief Description of the Drawings --;

P. 4, line 10, insert the heading

-- Detailed Description of the Invention --;

P. 10, line 8, insert the paragraph

-- Although the invention has been described by reference to specific embodiments, it should be understood that numerous changes may be made within the spirit and scope of the inventive concepts described. Accordingly, it is intended that the invention not be limited to the described embodiments, but that it have the full scope defined by the language of the following claims. --;